LNP™ STAT-KON™ RX10004 compound

Polyamide 66

SABIC Innovative Plastics Europe

Message:

LNP STAT-KON RX10004 is a compound based on PA66 resin, containing Glass Fiber and Carbon Fiber. Added features are: Electrically Conductive, Easy Molding
Also known as: LNP* STAT-KON* Compound RX10004
Product reorder name: RX10004

General Information			
Filler / Reinforcement	Carbon Fiber Glass Fiber		
Features	Electrically Conductive Good Moldability		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.54	g/cm³	ISO 1183
Molding Shrinkage - Flow	0.20 to 0.40	%	Internal Method
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	18900	MPa	ISO 527-2/1
Tensile Stress (Yield)	230	MPa	ISO 527-2/5
Tensile Strain (Break)	2.8	%	ISO 527-2/5
Flexural Modulus [1]	16900	MPa	ISO 178
Flexural Stress	334	MPa	ISO 178
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact Strength [2] (23°C)	14	kJ/m²	ISO 180/1A
Unnotched Izod Impact Strength [3] (23°C)	93	kJ/m²	ISO 180/1U
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	1.0E+5 to 1.0E+7	ohms	ASTM D257
Injection	**Nominal Value**	**Unit**	
Drying Temperature	121	°C	
Drying Time	4.0	hr	
Suggested Max Moisture	0.020	%	
Rear Temperature	293 to 304	°C	
Middle Temperature	310 to 321	°C	
Front Temperature	321 to 332	°C	
Processing (Melt) Temp	304 to 327	°C	
Mold Temperature	82.2 to 110	°C	

Back Pressure	0.172 to 0.344	MPa
Screw Speed	30 to 60	rpm

NOTE	
1.	2.0 mm/min
2.	80*10*4
3.	80*10*4

Recommended distributors for this material

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